G3 BT motorcycle multi-interphone

New version

Hi-Fi speakers，Top sound quality

USER MANUAL

Multifunctional communication tools for motorcyclists

User Manual

You like to ride together, wouldn't it be great to talk when you ride?

From now on, you can talk with your motorcyclist friends by way of this new two way wireless Bluetooth communication system, or you can chat with your pillion. Maybe receive a cellphone call without pressing a button, You can enjoy your favorite stereo music from your A2DP enabled cell phone or MP3 player or perhaps listen to the audio navigation message from your bluetooth enabled GPS.
With this New Super-Range Bluetooth, you can do all these things even if you are riding or snow skiing!!!
All this hands free functionality is contained within one self contained module that attaches to the side of your helmet.

Main Features:

Maximum talking range 1000 meters between two riders, real two-way wireless communication between three riders by bluetooth system

Up to 120Km/h working speed

Up to 9 hours talking time

Safe auto-receiving cell phone calls

Advanced A2DP & EDR bluetooth profile

Hi-Fi speakers, top sound quality

Stereo music/audio function (transmits from A2DP enabled cellphone/MP3/GPS)

Wind noise DSP cancellation

Water-resistance, all weather

Friendly for gloves

Read the manual carefully before operating the system , and operate the headset strictly according to the manual, otherwise performance might not be optimum

1. Contents

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2. Introdution:

We will describe this communications kit as **G3**(a Group can contain maxium 3 riders)
This G3 can either be used for rider or for pillion.
This G3 can connect with four bluetooth devices: a bluetooth enabled cellphone, two G3(two riders or one rider and one pillion), an audio source which with a built in or a external audio bluetooth transmitter.
This G3 is a multifunctional device for motorcyclists and skiers, it can be used:

1) **As a handfree bluetooth headset for cellphone calls**,
   while out riding or snow skiing , the auto answer feature of the internal Bluetooth profile enables safe automatic Handfree answering of the phone call automatically. It also offers a call rejecting function.
   —**receive the cellphone calls even you do not need to press any button, you just need to rider your bike as normal**, the process of receiving call will be automatic, after ring on of the call about 5 seconds, it will receive the call automatically. It also can offer rejecting call function.
2) **As a two way wireless full duplex interphone between three riders or between rider & pillion**,
   the Maximum communication range over a high clear line of sight path can reach **1000m /3260ft** ! (this maximum range is not guaranteed).
   Typical effective range in city is approximately 300m/950ft. Please note that actual range will depend on weather conditions, terrain, presence of obstacles i.e. a large vehicle , buildings non line of sight etc.
   Unlike a one-way walk talkie, which is only half duplex i.e. it can not speak and listen simultaneously, the G3 offers real-time talking like a normal telephone.
   It can connect with two other riders or connect with anther rider and his/her pillion.
   The rider can chose which person to talk with

The working speed can be up to 120km/h!

3) As a wireless bluetooth stereo music receiver and speaker, this G3 has **EDR** and **A2DP** profile , with EDR and A2DP profile it can offer another important function--- listening to stereo music from A2DP enabled cellphone,MP3 or navigation audio information from GPS**(this MP3 or GPS should has a built in audio bluetooth transmitter**)

4) If your MP3, GPS did not have a built in audio bluetooth transmitter, you only need to have a external audio bluetooth transmitter (sometimes called an AV Dongle, you can find it easily in the market) to pair with them, then you also can enjoy this added functionality.

5) As the speakers of your MP3/GPS
If your MP3 or GPS is not Bluetooth transmitting enabled and you have not a Bluetooth AV dongle, the G3 also offers another method of listening to the stereo music/audio info--- the simple wired method. Plug the audio source directly into the G3 headset via the 3.5 mm stereo connection

3. Components of retail box

Component	Parts Number
G3 headset main part	G3-001
Clip for mounting the main unit	G3-002
Hi-Fi Speakers & microphone & audio plug	G3-003
AC &USB Charger (AC110V-220V / DC OUTPUT 5V)	G3-004
2.5mm to 3.5mm audio adapter cable	G3-005
User manual	G3-006

Main G3 communications unit

Clip for mounting the main G3 unit

Clip/Inserted

plate

Hi- Fi Speakers/Boom Microphone/audio plug

The AC & USB Charger

Note: Different country may has different adaptor

Before using: Charging the **G3**

We have provided you with the ability to charge the system via the USB port of your computer or if you are away on a trip, you can use the supplied Multi-voltage USB power adapter.
The charging cable has a small USB plug for the headset and the large USB plug for the computer or AC adapter, please observe to correct orientation of the USB plug and socket before inserting

1) Insert the 2.5mm plug of the charging cable, into the small charging jack of the **G3,** you can either charge by AC adapter or computer .

2) While charging, the red LED on the headset module will illuminate. Full charging time is 3 hours.

Note: ***if you do not use the G3 over a month , to protect the Poly-Li battery, please charge the G3 at least every month.*** (the fault damaged by wrong charging will be not guaranteed).

Attaching and removing the G3 main unit on your helmet

With the clip, You can easily mount the main unit of the G3 on a helmet within 3 minutes.

Step:

1) find a best position on the **left** side of your helmet to put the clip
2) Insert the inserted plate between shell and foam of the helmet
   Fix the clip on the helmet **with the screws**
3) hang the main unit of the G3 on the clip

Clip

Inserted plate for clip

Insert the plate between the shell and the foam of a helmet, fix with screws

Clip fixed on helmet

G3 mounted on a helmet

Attaching the two speakers and the microphone

The success of the system depends on the careful positioning of the earspeakers directly over top of the ear canals. this will give the best signal to noise of the received audio.

1) To find the position of your ear canals, put your helmet on firmly but don't do it up. Slide your thumb of one hand up between the inside of the helmet and your ear, with the fingers of that hand on the exterior of the helmet. Feel the ear canal in your ear with your thumb and then grip the helmet firmly between thumb and fingers of that hand, carefully take the helmet off BUT don't move your thumb from its position inside the helmet. Look at where your thumb it! this place marks the centre of the ear speaker ! Mount the Velcro pad to which the speaker will attach there, inside the Helmet; Check the other side for optimum ear speaker position.

2) Remove the protective backing of the Velcro and mount the Velcro pads in the correct positions, attach the two speakers on the Velcro inside your helmet, the speaker with **short** wire cord for **left** ear, the speaker with long wire cord for right ear.

the speaker with **short** wire cord for left ear

the speaker with long wire code for right ear

Adjust the position of the microphone

Note: *To reduce the external noise, you need to close the visor while riding, and please adjust the position of the microphone to be right in front of your mouth with the foam just touching your lips , the visor should cover the microphone effectively! (Minimizes wind noise contribution)*

V

Correct position of the microphone

X

Wrong position of the microphone

3) Plug in the positioned headset to the communications module and attach it to the side of the helmet.

4. Operation:

The operation is friendly and very easy.

Pairing with your Bluetooth phone for the first time

Note: You must have a Bluetooth enabled phone to “Pair” with the G3

The rider and pillion pairing their headsets with their respective mobile phone should be at different time,

Before using the G3, please familiarize yourself with Bluetooth function of your cell phone. Read the instruction manual that came with the phone so you can enable its Bluetooth function.

Before you can use this G3 in combination with your phone , you will need to “pair” it with your cell phone for the first time. This usually only needs to be performed once with that individual phone however follow the instructions supplied by the phone manufacturer and save the “pairing” so it will be automatically connected when this Phone and the G3 come into contact again.

1) Enable the Bluetooth function on your cell phone. Short press(< 1 second) Reset key on the G3.
2) You must place the G3 in “Pairing mode”, this is done by way of a holding down the Power/Interphone key on the headset, until the red & blue LED flash alternately.
3) Begin the “searching for Bluetooth device” on the cell phone according to the phone’s instructions
4) when the G3 is discovered, the cell phone will display **MOTOR PHONE** select this and accept the connection
5) The cell phone will ask you to input a password to enable this connection , when prompted input password : 0000 (four zeros)
6) Your phone will confirm that pairing has succeeded. Note that the only light showing on the headset is now the blue one and it will flash once every 5 seconds

Basic G3 Operation

7) **Turn on** Short press(< 1 second) Reset key on the G3.

press the Power/Interphone key for 6 seconds or so , until the blue lamp illuminate, promptly release the Power/Interphone key, then the blue led will flash every 2-5 seconds, and you can see that on the screen of your cell phone the G3 will ask your cellphone to connect with it, select “yes” on your phone then they will connect each other.(for some phones, you will have to connect the G3 by the phone)

Turn off press the Power/Interphone key for 6 seconds or so, until the blue lamp long illuminate, promptly release the Power/Interphone key then the blue led will extinguish.

Increase the volume Short press of the V+ key

Reduce the volume Short press of the V- key

Re-connect the cellphone For some reason(e.g. In some regions of high RF strength), may the G3 will lose connection with the cell phone, a short press on the Phone/Play key, they will connect each other again.

Safe Cell phone calls function

1) Receive a cell phone call automatically

When income a cell phone call, you will hear the ring on the cell phone and about 3-5 seconds later, the G3 will receive the call automatically.

2) Terminate cellphone call

When you finish talking on the cell phone, a short press the Phone/Play Key, will terminate the call.

3) Reject a cellphone call

When income a cell phone call, you will hear the ring, within 1 second immediately press the Phone/Play key about 2 seconds, it will reject the call.

4) Make a cellphone call Dial a number on your phone as normal, (but don't do this if you are on road for your safety) the sound will be automatically heard in your headset

notice: some phones, like Panasonic x70, will not send the audio to the headset, you may have to press the Phone/Play key to transmit the sound to your headset

5) Dial the last number Press the Phone/Play key 2-3 seconds, it will dial the phone number that you dialed last time. (**note**: some cellphone do not support this function)

Interphone Function

Set up for bike- to- bike and rider-to-pillion intercom: pairing

Pairing is a one time process that is required for mutual recognition between a headset and other bluetooth devices. once the two headsets are paired, they will retain paired whenever they are within range.

Please note that you can speak via intercom to one buddy headset at a time.

1) Pair with another rider Short press(< 1 second) Reset key on the G3, simultaneously hold the power/interphone key on both matching G3's until the red & blue LED of the two pairing G3's flash, **short press** the power/ interphone key **on one of G3**, 5-9 seconds later the red LED will extinguish and the blue LED then will flash briefly every 2-5 seconds, thus they have finished the pairing (now you could talk with another rider or your pillion).

2) Pair with two other riders and chose which rider you will talk with

You can pair your G3 with two G3 of other riders, then you will can talk with two riders at different time.

STEP: Pair your G3 (G3 a) with one rider (G3 b) as **1) above**, then turn off the G3 b. pair your G3 with another rider(G3 c). When finish the pairing procedure, you can turn on the G3 b.

Initiate an intercom call (a short press the Power/Interphone key on your G3), and you can talk with G3 c. However, a long press the Power/Interphone Key, you will hear a beep "du-du", promptly release your hand, it will change the communication to talk with G3 b. You can pair them between a-b, a-c, b-c, but **note** when you are pairing two units, please turn off the third unit. after you have paired the three units, you can turn on the three units(a, b, c).

Note: for a, b, c three units, only two units could be set as master units, then the third(slave) unit can not initiate an intercom talking, when one of the master unit change communication to talk with the slave unit, the slave unit will become master unit.

3) Pair with your pillion

If you only have paired your G3 with one rider, you also can pair your G3 with your pillion.

Start/finish a interphone talk

Turned on your G3, short press of the power/interphone key then wait about 5 seconds, and then you will be able to communicate with another rider or your pillion.

You only need a short press of the power/interphone key, to terminate communications

Note, to reduce power consumption, when you do not need to talk, don't keep your G3 on intercom state in a long time

Music function

1) Listen to stereo music from your A2DP enabled cell phone

Read the user manual of your cell phone carefully, if your cell phone is A2DP enabled, the G3 can receive the stereo music from the cellphone.

Please note that only A2DP (stereo bluetooth) enabled cell phone can offer bluetooth music transmitting service. You can use the Phone/Play key to pause/play the music from A2DP bluetooth devices.

2) Listen to music from some mono bluetooth enabled cell phone

Almost all of Nokia mono bluetooth enabled cell phone can offer bluetooth music transmitting service, but some model of other brand cell phone can not offer this service.

We do not promise that the G3 will support music function for all mono bluetooth enabled cellphones.

Step: confirm that your G3 has paired with your cellphone; play the music on the cell phone, and then you can enjoy the music on your G3.

Note: for mono bluetooth cell phone, you can not use the Phone/Play key to operate the music, you only can operate the music on the phone.

3) listen to stereo music from your MP3 by Wired method

With the 2.5-3.5mm audio adapter cable attached, it will can be used for connecting your **G6** with a major of MP3. play the MP3, you will can listen to the music via the speakers of your **G6**.

4) listen to audio navigation info from your GPS by Wired method

the way is same to listening to music from a MP3.

5) listen to stereo music from MP3 via external audio bluetooth transmitter

If you have a external audio bluetooth transmitter (it is easy to find this product in the market), insert the plug of the transmitter into the jack of the MP3.

Pair the transmitter with the G3 according to the instruction manual of the transmitter.

Play the MP3, you can listen to the music on your G3.

6) listen to audio navigation info from your GPS via external bluetooth transmitter

The way is similar to **5) above**.

7) listen to stereo music from MP3 which with a built in bluetooth transmitter

please familiarize yourself with Bluetooth function of your Bluetooth enabled MP3(**this MP3 must has Bluetooth transmitting function**). read the instruction manual that came with the MP3 so you can enable its bluetooth function. pair the MP3 with the G3 according to the instruction manual of the MP3. play the MP3, you can listen to the music on your G3.

8) listen to audio navigation info from your GPS which with a built in bluetooth transmitter

The way is similar to listening to music from MP3 which with a built in bluetooth transmitter. (please **note** that a major of bluetooth enabled GPS can not transmit audio message, their bluetooth only were used for receiving voice)

Auto switch between different operations

While talking by intercom or listening to music, if it incomes a cell phone call, the voice will be switched to “cell phone talking” state automatically. After the call has been hung up, the system will auto return to intercom talking or music playing state.

While listening to music, short press the Power/Interphone key, it will initiate a intercom talking. after terminating the intercom talking, the system will return to the music automatically.

Note: it might needs about 5 seconds to auto-return to “intercom talking” state after the “cell phone talking” has been hung up.

Troubleshooting:

1. **not working**

Could be a flat battery , charge the G3 3 hours.

2. **Reset**
3. In some regions of high RF strength ie near high power TV transmitters, GSM station or airport radars, these can overwhelm the CPU in the G3 causing it to latch up.

Short press(< 1 second) Reset key on the G3. when you turn on the G3, it will work normally again.

3. No sound

Physically check to see the headset cables are ok or the audio plug is real inserted in the jack, swap with the other functioning G3 to localize the problem . have you turned to volume too low?

4. Whistling of the speakers

If the microphone is too closed a speaker, the speaker will make a whistling, take the microphone away from the speaker, reduce the volume by the Volume-key , it will be ok.

5.Lose connection with the cellphone or music from the cellphone

for some reason(e.g. In some regions of high RF strength), maybe the G3 will
lose connection with the cellphone or music from the cellphone, a short press on the
Phone/Play key, they will connect each other. or see the below **8.**

6. can not connect with your mobile phone

This G3 can connect with a major of bluetooth enabled cellphone of main brand, but **we don't undertake that it can connect with all cell phone**. Before purchasing, please confirm that if the G3 could connect with your cellphone.

7. auto-power off

To cell phone call, intercom, music these different using, This G3 takes different Bluetooth profile. when change between different using, it will change to the corresponding profile.

Some cell phone maybe do not take standard bluetooth profile, when it connect with the G3, some times it may cause turning the G3 off when the G3 are switching between three different state(call, intercom, music).

in this case, you could turn on the G3 again by pressing the Power/Interphone key, and note that only make the G3 working on two profile.

8. Final solution

If the solution of above clause **1-7** can not resolve the problem, turn your cellphone off (sometimes you may have to take off the battery of your cell phone and load the battery again) and your G3, then turn them on and pair them again.

OTHER FEATURES

·Digital Signal Processor (DSP) Technology for wind noise cancellation
·Excellent performance at speeds up to the legal limit with a full face helmet
·Easily mounts to all full face and open face helmets

GENERAL FEATURE

·Up to 7 hours talk time when connected to your cell phone
·UP to 7 hours time when listening to music
· typical current consumption is 55 ~75 mA
· 500 mAh Li Polymer battery ·Standby time: 100 hours
·Charging time: ~ 3 hours
·Chip brand: CSR

SPECIAL FEATURE

·All weather, rain and snow resistance
·Removable headset unit from the helmet

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